

# Comparisons of Job Characteristics

**Focus Occupation:** [First-Line Supervisors of Mechanics, Installers, and Repairers \(49-1011\)](#)

**Associated Occupation:** [Motorboat Mechanics and Service Technicians \(49-3051\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 77

**Focus Occupation:** First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

**Associated Occupation:** Motorboat Mechanics and Service Technicians (49-3051)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	20.3	19.8	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	12.7	12.2	0	Current knowledge level may be sufficient
Design	5.2	9.0	9.1	0	Current knowledge level may be sufficient
Physics	4.3	7.3	6.7	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 31

**Focus Occupation:** First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)

**Associated Occupation:** Motorboat Mechanics and Service Technicians (49-3051)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	11.9	10.1	<	A higher skill level may be required
Troubleshooting	4.5	11.8	10.4	<	A higher skill level may be required
Operation and Control	5.4	11.6	8.5	<<	Extensive development of skills in this area may be required
Repairing	3.4	11.6	10.0	<	A higher skill level may be required
Equipment Maintenance	3.5	11.1	10.1	0	Current skill level may be sufficient
Quality Control Analysis	5.9	9.8	11.6	>	Skill level is likely sufficient
Equipment Selection	3.3	7.8	7.5	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 68

**Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

**Associated Occupation: Motorboat Mechanics and Service Technicians (49-3051)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	12.2	9.1	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	12.1	9.0	<<	Extensive improvement in abilities may be required
Arm-Hand Steadiness	6.8	11.8	8.7	<<	Extensive improvement in abilities may be required
Finger Dexterity	7.6	11.2	9.2	<	Some improvement in abilities may be required
Manual Dexterity	6.5	11.1	7.7	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	10.8	9.7	<	Some improvement in abilities may be required
Extent Flexibility	4.8	9.7	5.3	<<	Extensive improvement in abilities may be required
Depth Perception	5.3	9.4	7.3	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 67

**Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

**Associated Occupation: Motorboat Mechanics and Service Technicians (49-3051)**

Work Activities	Exclusivity of Activity
Determine installation, service, or repair needed	58
Diagnose mechanical problems in machinery or equipment	65
Inspect machinery or equipment to determine adjustments or repairs needed	42
Prepare reports	8
Read blueprints	10
Read specifications	23
Read technical drawings	7
Read work order, instructions, formulas, or processing charts	9
Understand service or repair manuals	40
Understand technical operating, service or repair manuals	6

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)**

**Associated Occupation: Motorboat Mechanics and Service Technicians (49-3051)**

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.